The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

5/18/12

Benjamin Megrian
Assistant District Attorney
Suffolk County

Dear ADA Megrian:

Enclosed is the analytical information you requested in regards to laboratory certificate numbers ██████████████████████ Included are copies of the following:

1) Laboratory Drug Receipts
2) Laboratory Control Cards with chemists' hand notations
3) Analysis Reporting Forms with chemist's hand notations for samples ██████████████████
    ██████████
4) Gas Chromatograph (GC) analytical data for sample ██████████
5) Gas Chromatograph/Mass Spectrometer (GC/MS) analytical data for samples
    ████████████████████

All preliminary tests on samples ████████████████████████ were performed by Daniel Renczkowski and the GC/MS analyses of these items were performed by Kate Corbett. All testing on samples ████████████████████ were performed by Daniel Renczkowski.

If you have any questions about this material, please call the laboratory at 617-983-6622.

Sincerely,

Daniel Renczkowski
Chemist II
DPH Forensic Drug Analysis Laboratory

cc: KAC

BostonPolice
DEPARTMENT

DRUG RECEIPT

CC # ███████

BOOK # ███████

PAGE # ███████

DESTRUCTION # _____

District/Unit _E-13/DCU_

Name & Rank of Arresting Officer _P.O. FRANK Colon_ ID# _9347_

DEFENDANT'S NAME	ADDRESS	CITY	STATE
████████	████████	████████	Ma
████████	████████	████████	Ma

		LAB USE ONLY	
DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER
2 P/B's crack-cocaine	2 P/B's	2.43g	████
4 MED P/B's crack-cocaine (Procaine)	4 med P/B's	15.13g	████
1 P/B white substance	1 P/B	66.53g	████

To be completed by ECU personnel only.

Name and Rank of Submitting Officer _P.O. Tracy McHale_ ID# _1123_

Received by _410_ Date _12-22-11_

ECU Control # _____

BostonPolice
DEPARTMENT

DRUG RECEIPT

CC # ███████████████

BOOK # ███████████████

PAGE # ██████████████

DESTRUCTION # _____

District/Unit ___E-13/DCU___

Name & Rank of Arresting Officer ___P.O. Frank Colon___ ID# ___8347___

DEFENDANT'S NAME	ADDRESS	CITY	STATE
████████████	████████████	████████████	Ma

DESCRIPTION OF ITEMS SUBMITTED	GROSS QUANTITY	LAB USE ONLY	
		GROSS WEIGHT	ANALYSIS NUMBER
1 P/B green Herb (MARIJUANA)	1 P/B	8,04g	███████████
1 ziplock bag green Herb (MARIJUANA)	1 ziplock BAG	4,85g	███████████
MARIJUANA	4 P/B	137,93g	███████████

To be completed by ECU personnel only

Name and Rank of Submitting Officer ___P.O. Tracy McHale___ ID# ___11213___

Received by ___Qco___ Date ___12-22-11___

ECU Control # _____

No. ████████ Date Analyzed: 1/30/12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ████████████████████

Amount: ████████████████ Subst: SUB

No. Cont: 2 Cont: pb

Date Rec'd: 12/22/2011 No. Analyzed: 1

Gross Wt.: 2.43 ✓ Net Weight: 0.18g

Tests: 7DJR
•2KAC

Prelim: Cocaine Ⓡ Findings: Cocaine

No. ████████ Date Analyzed: 1/30/12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ████████████████████

Amount: ████████████████ Subst: SUB

No. Cont: 4 Cont: pb

Date Rec'd: 12/22/2011 No. Analyzed: 1

Gross Wt.: 15.31 ✓ Net Weight: 2.77g

Tests: 7DJR
•2KA

Prelim: Cocaine Ⓡ Findings: Cocaine

No. ████████ Date Analyzed: 1/30/12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ████████████████████

Amount: ████████████ Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 12/22/2011 No. Analyzed:

Gross Wt.: 66.56 ✓ Net Weight:

Tests: 13DJR
•4KAC

Prelim: Unknown Findings: Negative

No. ▓▓▓▓▓▓▓▓ Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▓▓▓▓▓▓▓▓

Amount: Subst: VM

No. Cont: 1   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 0

Gross Wt.: 8.04   Net Weight:

Submitted with   # Tests: 0 DJR
B11-14716

Prelim: Findings: Not Tested

No. ▓▓▓▓▓▓▓▓ Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▓▓▓▓▓▓▓▓

Amount: Subst: VM

No. Cont: 1   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 0

Gross Wt.: 4.85   Net Weight:

Submitted with   # Tests: 0 DJR
B11-14716

Prelim: Findings: Not Tested

No. ▓▓▓▓▓▓▓▓ Date Analyzed: 2-6-12

City: Boston D.C.U. Police Dept.

Officer: P.O. TRACY MCHALE

Def: ▓▓▓▓▓▓▓▓

Amount: Subst: VM

No. Cont: 4   Cont: pb

Date Rec'd: 12/22/2011   No. Analyzed: 2

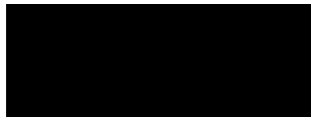Gross Wt.: 137.93   Net Weight: 54.95g

CW= 119.24g   # Tests: 7 DJR

Macro + micro + Duq +

Prelim: Findings: Marijuana

gross wt — pkg wt = net wt

① 30.05g — 2.55g = 27.50g

② 29.92g — 2.47g = 27.45g
                              +
                          54.95g

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████ AGENCY Boston   ANALYST DJR

No. of samples tested: 1   Evidence Wt. OK

PHYSICAL DESCRIPTION:

Off white chunky substance
in one clear PB and
loose in the evidence PB.

Gross Wt (2): 0.4433g

Gross Wt (1): 0.2435g

Pkg. Wt: 0.0622g

Net Wt: 0.1813g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (HH) + (blue)

Marquis ___—___

Froehde's ___—___

Mecke's ___—___

Microcrystalline Tests

Gold
Chloride ___+___

TLTA (H+) ___+___

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

DATE 1-18-12

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 1-30-12

DRUG POWDER ANALYSIS FORM

SAMPLE # ██████████ AGENCY Boston ANALYST DJR

No. of samples tested: 1 Evidence Wt. OK

PHYSICAL DESCRIPTION:

Off white chunky substance
in 4 clear PB's.

Gross Wt (4): 12.6770

Gross Wt (1): 2.9275g

Pkg. Wt: 0.1518g

Net Wt: 2.7757g

PRELIMINARY TESTS
Spot Tests

Cobalt
Thiocyanate (H+) + (blue)

Marquis —

Froehde's —

Mecke's —

Microcrystalline Tests

Gold
Chloride +

TLTA (H+) +

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine

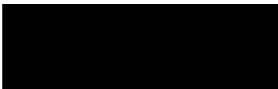DATE 1-18-12

GC/MS CONFIRMATORY TEST

RESULTS Cocaine

MS
OPERATOR KAC

DATE 1-30-12

DRUG POWDER ANALYSIS FORM

SAMPLE # ███████████ AGENCY Boston ANALYST DJR

No. of samples tested: _____ Evidence Wt. OK

PHYSICAL DESCRIPTION:

Yellow waxy substance
and off white waxy, beady
substance in one clear
evidence PB. Also submitted with an
empty clear PB.

Gross Wt ( ): _____

Gross Wt ( ): _____

Pkg. Wt: _____

Net Wt: 59.4237g

PRELIMINARY TESTS
Spot Tests

2 Cobalt Thiocyanate (itt) — _____

2 Marquis — _____

2 Froehde's — _____

2 Mecke's — _____

Microcrystalline Tests

Gold Chloride _____

TLTA ( ) _____

OTHER TESTS

2 Dilli ⊖

2 GC analysis ⊕

PRELIMINARY TEST RESULTS

RESULTS Unknown

DATE 1-21-12

GC/MS CONFIRMATORY TEST
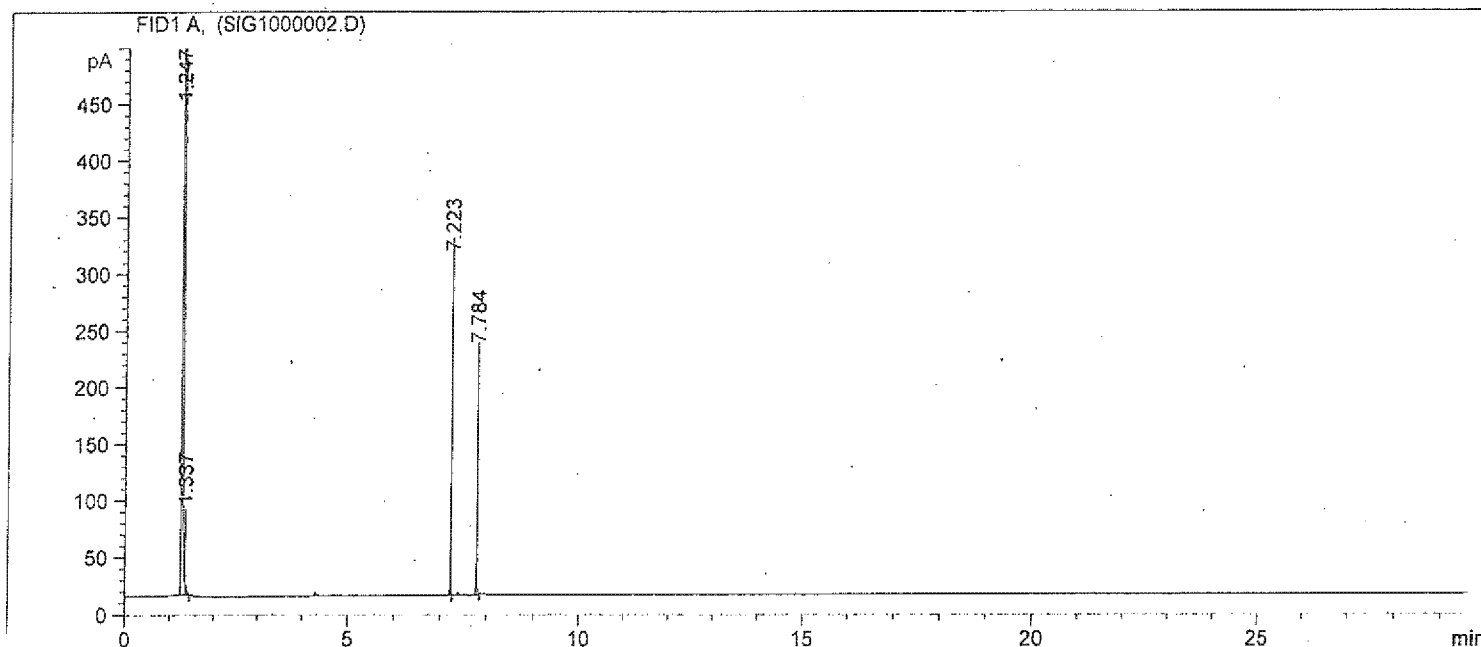
RESULTS Negative

MS OPERATOR KAC

DATE 1-30-12

==

Acq. Operator   :   Seq. Line :   2
Acq. Instrument : Drug Lab GC#3   Location : Vial 2
Injection Date : 1/21/2012 7:55:23 AM   Inj :   1
                                            Inj Volume : 1 µl

Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed   : 3/9/2011 1:42:02 PM
==

==
                    Area Percent Report
==

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
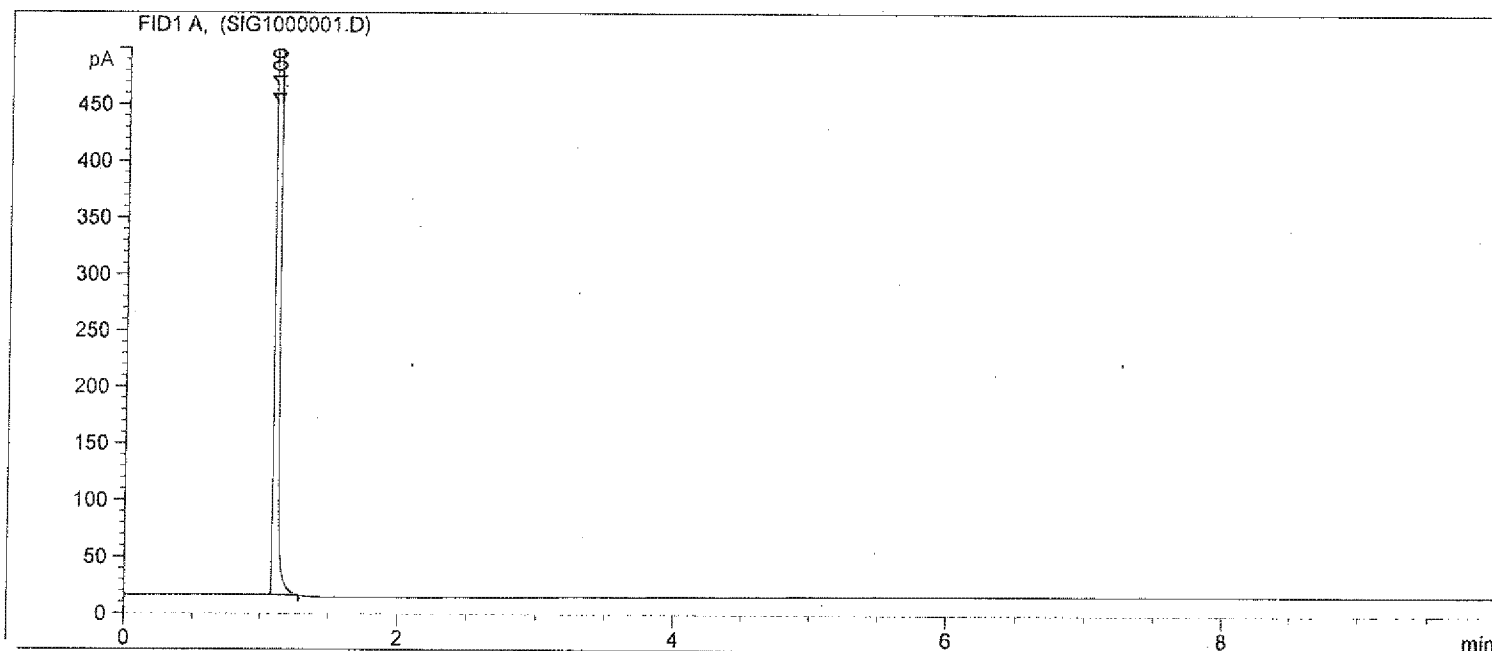Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.247	1	BB S	8.13939e4	7.15875e4	99.42977
2	1.337	1	BB X	53.52231	63.17652	0.06538
3	7.223	1	BB	238.00304	298.14883	0.29074
4	7.784	1	BB	175.27112	216.50496	0.21411

Totals :   8.18607e4   7.21653e4

==
                    *** End of Report ***

Data File C:\CHEM32\1\DATA\SIG1000001.D
Sample Name: BLANK
===

Acq. Operator   :   Seq. Line :   1
Acq. Instrument : Drug Lab GC#3   Location : Vial 1
Injection Date : 1/21/2012 12:54:59 PM   Inj :   1
                                         Inj Volume : 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method   : C:\CHEM32\1\METHODS\ROUTINE.M
Last changed   : 8/3/2010 11:50:36 AM
===

===
                        Area Percent Report
===

Sorted By   :   Retention Time
Multiplier: :   1.0000
Dilution: :   1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type   Area   Height   Area
  #   [min]   [pA*s]   [pA]   %
----|-------|---|----|----------|-----------|--------|
  1   1.100 1 BB S 7.41086e4 7.10398e4 1.000e2

Totals :   7.41086e4   7.10398e4

===
                     *** End of Report ***

.rug Lab GC#3 1/21/2012 1:05:00 PM   Page   1 of 1

Corbett_email_PRR_024658

Data File C:\CHEM32\1\DATA\SIG1000002.D
Sample Name: ████████████

```
========================================================================
 Acq. Operator   :                        Seq. Line :    2
 Acq. Instrument : Drug Lab GC#3            Location : Vial 4
 Injection Date  : 1/21/2012 1:09:11 PM         Inj :    1
                                         Inj Volume : 1 µl
 Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
 Method          : C:\CHEM32\1\METHODS\GENSCAN.M
 Last changed    : 3/9/2011 1:42:02 PM
========================================================================
```
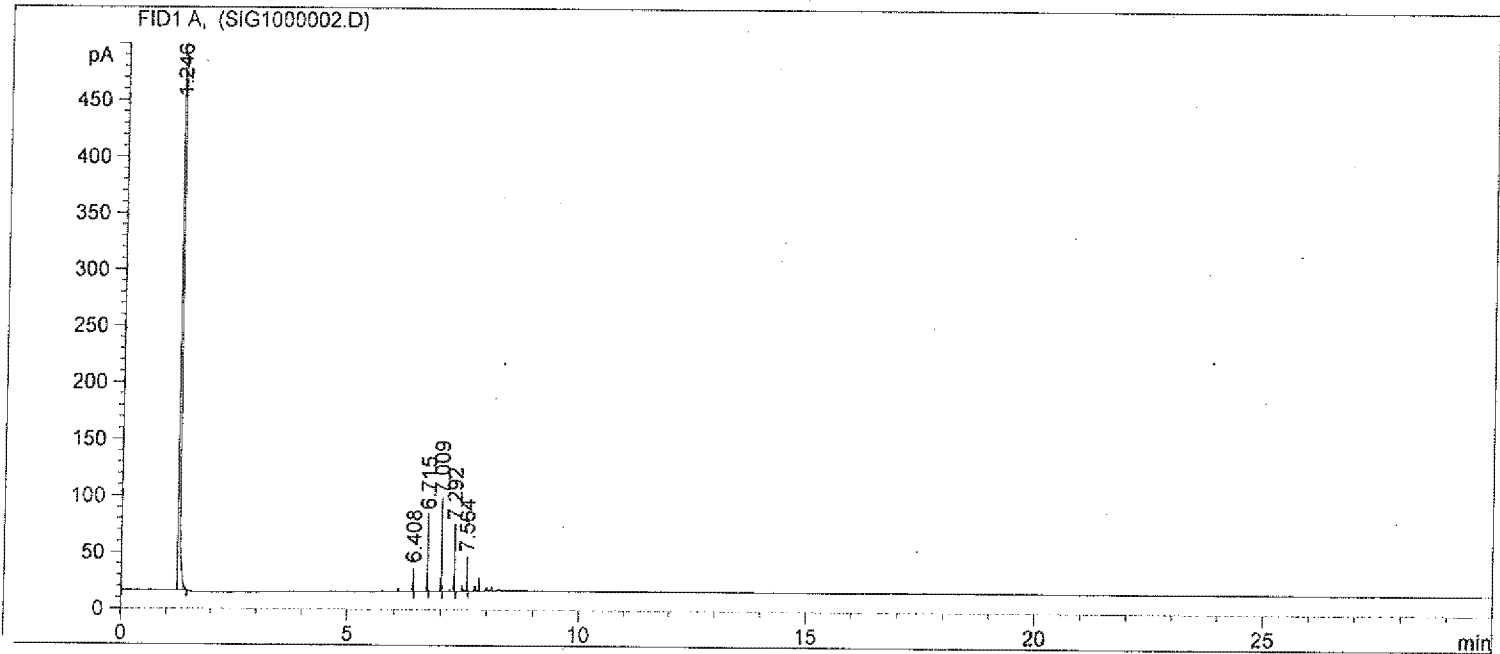


```
========================================================================
                      Area Percent Report
========================================================================

 Sorted By          :       Retention Time
 Multiplier:                 :      1.0000
 Dilution:                   :      1.0000
 Do not use Multiplier & Dilution Factor with ISTDs

 Signal 1: FID1 A,

 Peak RetTime Sig Type    Area      Height     Area
  #   [min]            [pA*s]      [pA]        %
 ----|-------|---|----|----------|----------|--------|
   1   1.246  1  BB S 8.34281e4  7.81570e4  99.76351
   2   6.408  1  BB     15.62605  20.62785   0.01869
   3   6.715  1  BB     50.58713  67.84473   0.06049
   4   7.009  1  BB     63.08533  81.82526   0.07544
   5   7.292  1  BB     44.29078  58.29098   0.05296
   6   7.564  1  BB     24.17536  30.18651   0.02891

 Totals :              8.36258e4  7.84157e4
```
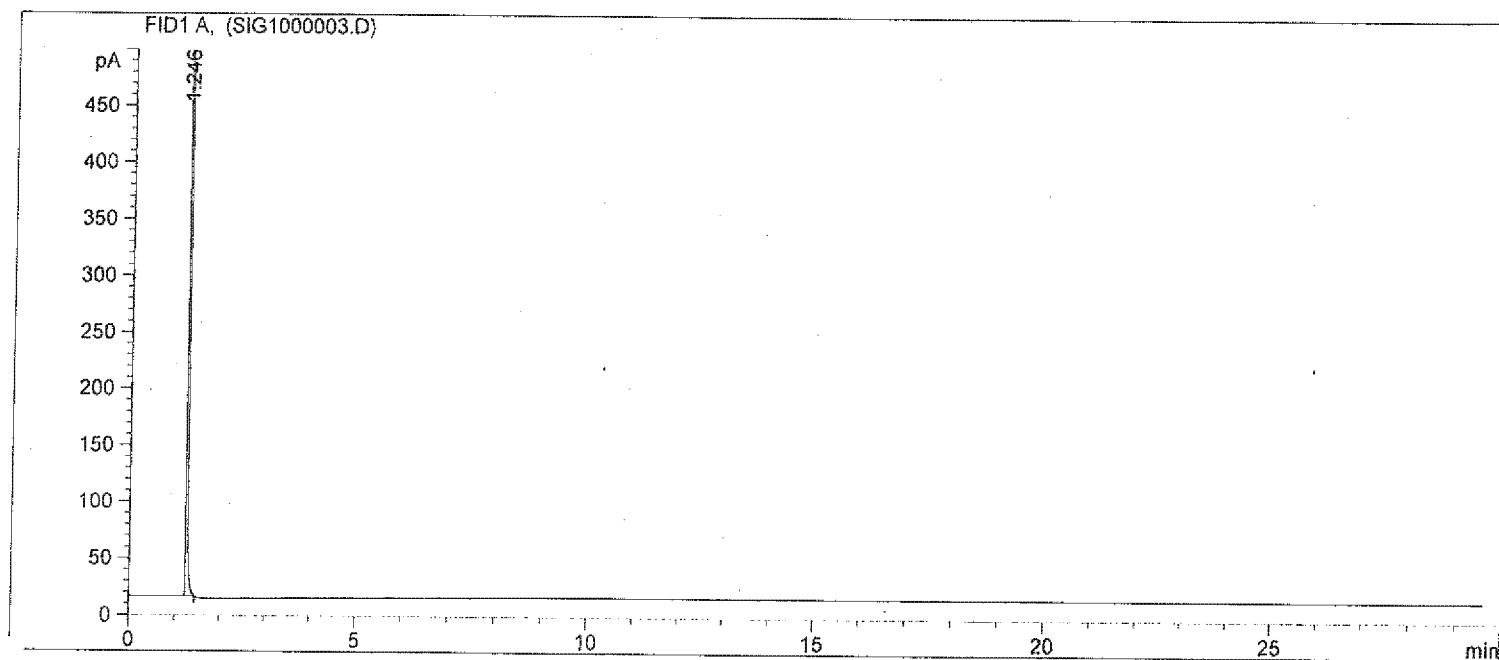
```
========================================================================
                      *** End of Report ***
```

Data File C:\CHEM32\1\DATA\SIG1000003.D
Sample Name: BLANK
==

```
Acq. Operator    :                          Seq. Line :    3
Acq. Instrument : Drug Lab GC#3              Location : Vial 1
Injection Date  : 1/21/2012 1:43:33 PM            Inj :    1
                                        Inj Volume : 1 µl
Sequence File   : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method          : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed    : 3/9/2011 1:42:02 PM
```
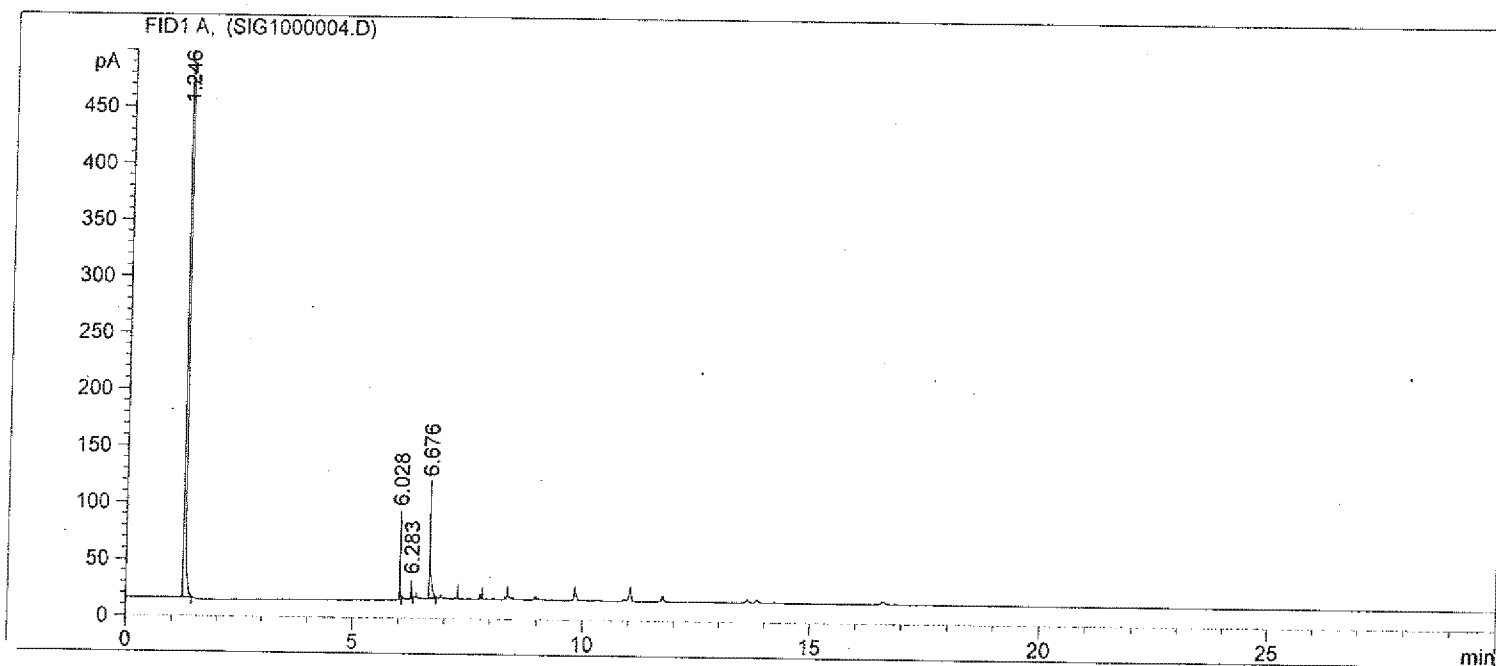==

==
Area Percent Report
==

```
Sorted By            :        Retention Time
Multiplier:                   :      1.0000
Dilution:                     :      1.0000
Do not use Multiplier & Dilution Factor with ISTDs
```

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Type	Area [pA*s]	Height [pA]	Area %
1	1.246	1	BB S	8.39088e4	8.28002e4	1.000e2

```
Totals :              8.39088e4   8.28003e4
```

==
                    *** End of Report ***
==

Data File C:\CHEM32\1\DATA\SIG1000004.D
Sample Name: ███████████

```
===========================================================================
Acq. Operator    :                          Seq. Line :    4
Acq. Instrument  : Drug Lab GC#3             Location  : Vial 6
Injection Date   : 1/21/2012 2:18:03 PM           Inj  :    1
                                             Inj Volume : 1 µl
Sequence File    : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method           : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed     : 3/9/2011 1:42:02 PM
===========================================================================
```



```
===========================================================================
                        Area Percent Report
===========================================================================

Sorted By            :           Retention Time
Multiplier:                      :        1.0000
Dilution:                        :        1.0000
Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak RetTime Sig Type    Area       Height      Area
 #    [min]           [pA*s]       [pA]         %
----|-------|---|----|----------|----------|--------|
 1   1.246  1  BB S 8.28143e4   8.13382e4   99.71943
 2   6.028  1  BB     66.24550    77.39823   0.07977
 3   6.283  1  BB     16.47812    16.62928   0.01984
 4   6.676  1  BB    150.27838   102.75301   0.18096

Totals :             8.30473e4   8.15349e4
```

```
===========================================================================
                    *** End of Report ***
===========================================================================
```

VKAC
5/18/12

Information from Data File:
```
File Name       : C:\msdchem\1\System7\01_26_12\815033.D
Operator        : KAC
Date Acquired   : 27 Jan 2012   00:37
Sample Name     : BLANK
Submitted by    :
Vial Number     :   1
AcquisitionMeth : DRUGS.M
Integrator      : RTE
```
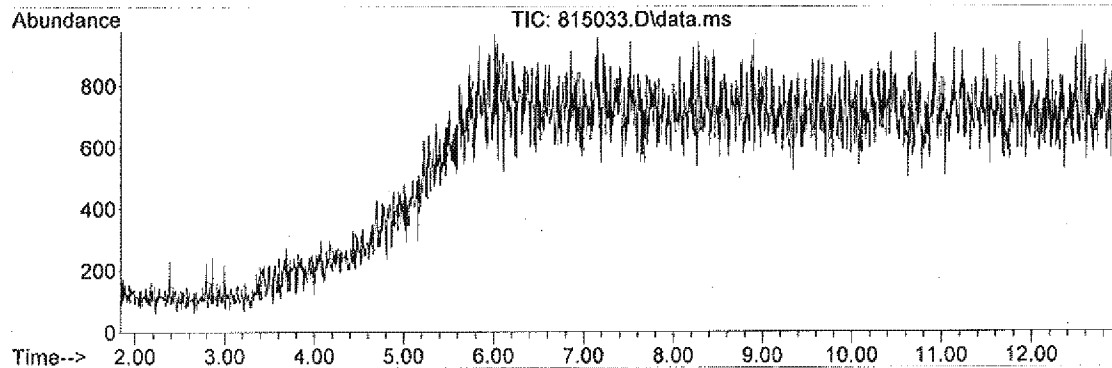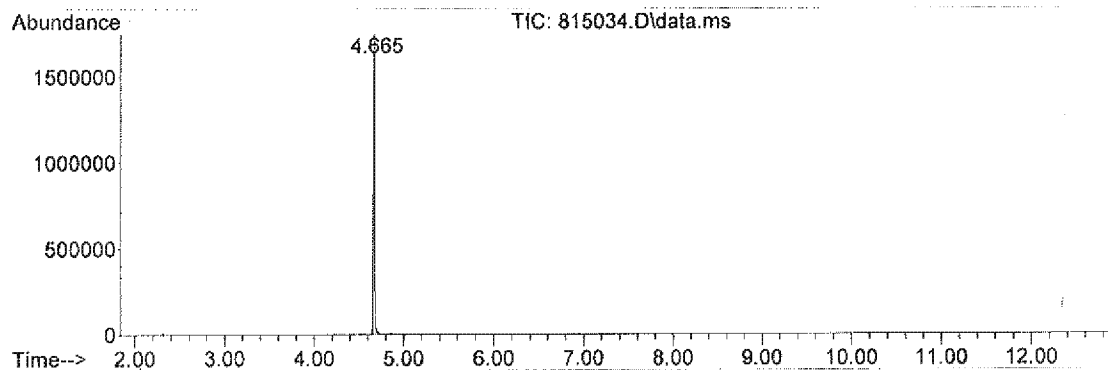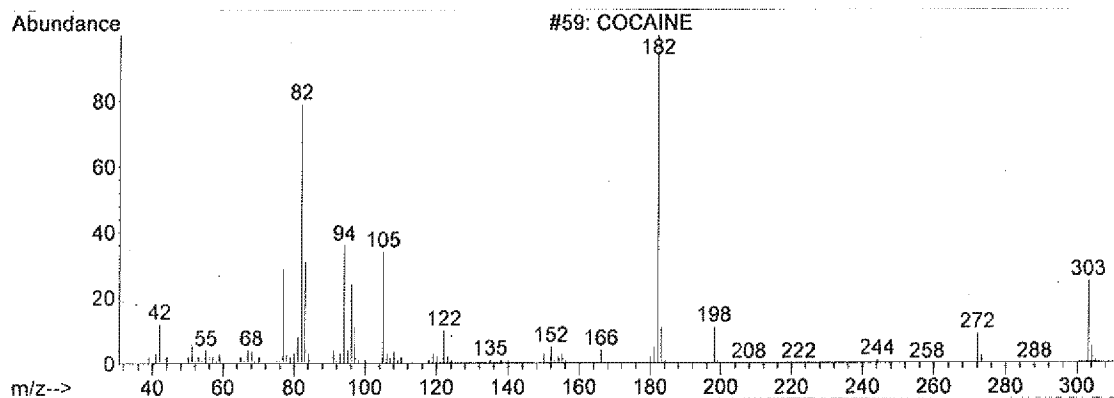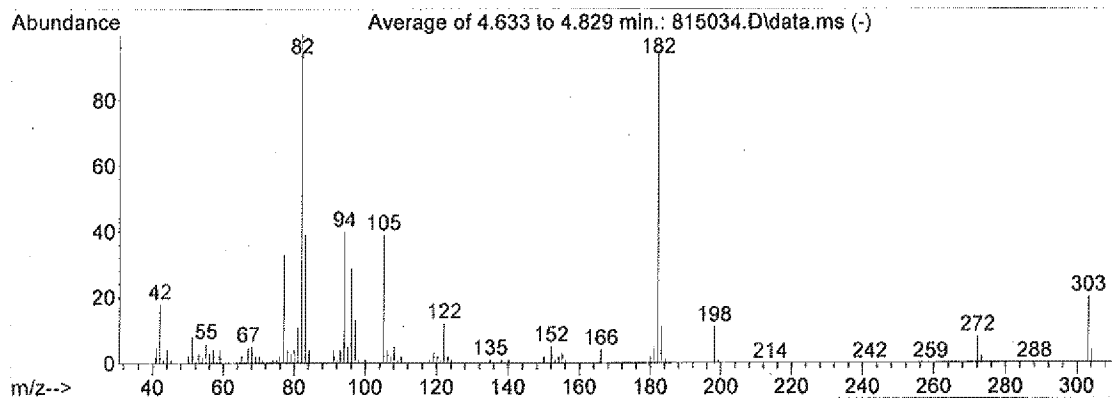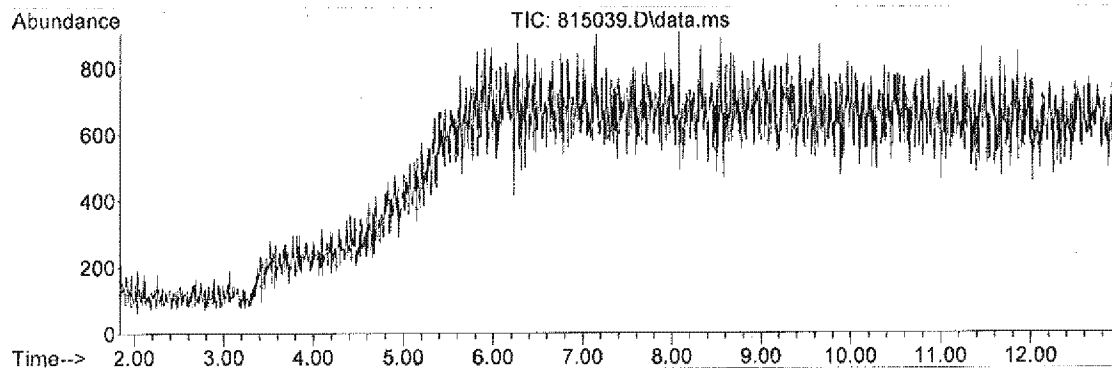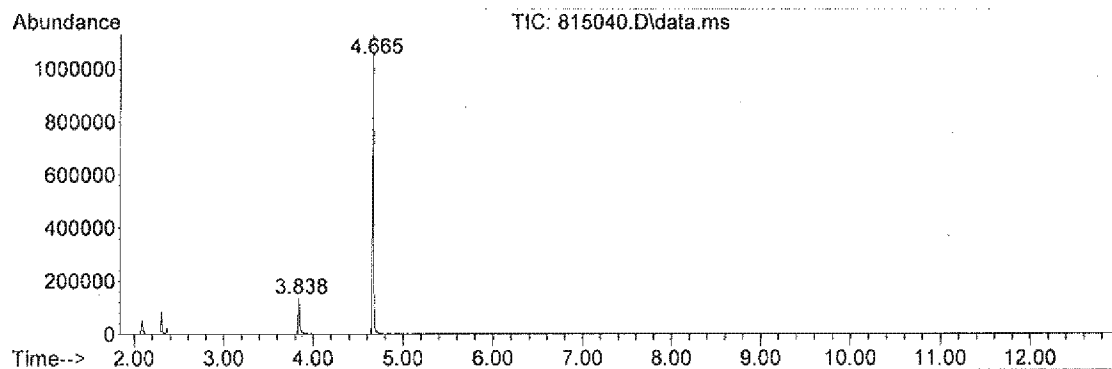


```
Ret. Time              Area       Area %     Ratio %
```

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815034.D
Operator   : KAC
Date Acquired : 27 Jan 2012   00:53
Sample Name   : COCAINE STD
Submitted by   :
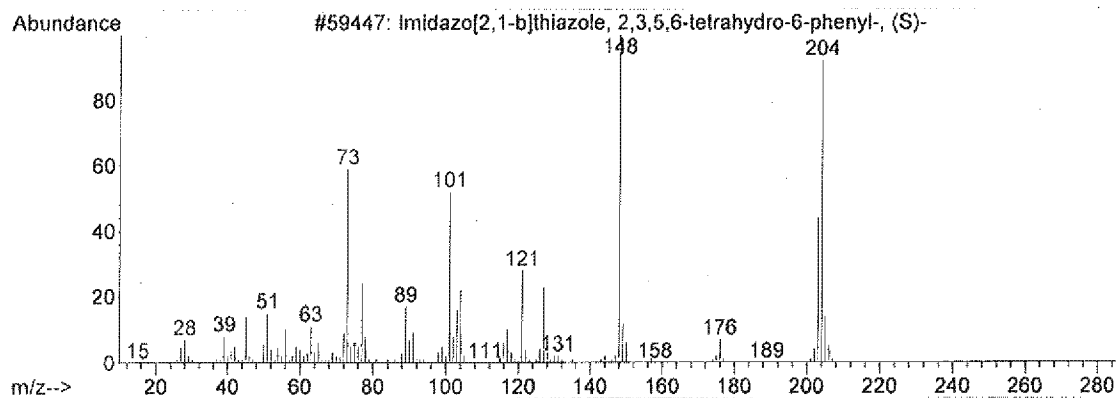Vial Number   : 34
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
4.665	1776702	100.00	100.00

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815034.D
Operator   : KAC
Date Acquired : 27 Jan 2012 00:53
Sample Name   : COCAINE STD
Submitted by :
Vial Number   :   34
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Abundance   Average of 4.633 to 4.829 min.: 815034.D\data.ms (-)

Abundance   #59: COCAINE

815034.D   Fri May 18 13:04:00 2012   Page   2

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815039.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:10
Sample Name   : BLANK
Submitted by : DJR
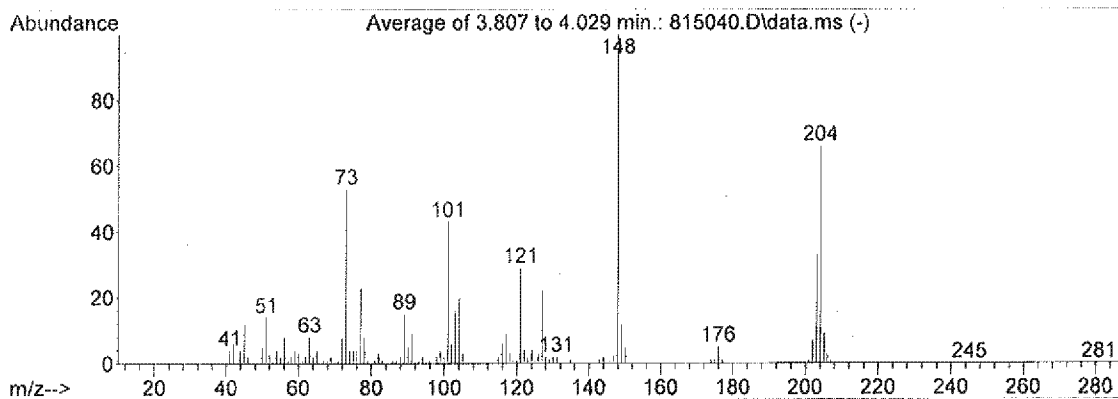Vial Number   :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE

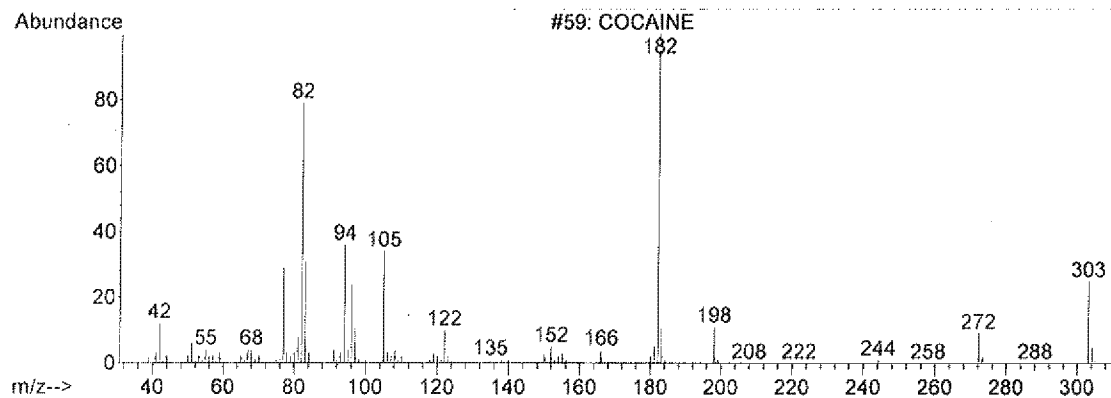| Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815040.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:26
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 40
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance   TIC: 815040.D\data.ms
                          4.665
 1000000

  800000

  600000

  400000

  200000   3.838

       0   ʌ ʟ   ʌ
Time-->   2.00   3.00   4.00   5.00   6.00   7.00   8.00   9.00   10.00   11.00   12.00

Ret. Time   Area   Area %   Ratio %

3.838   177208   14.72   17.26
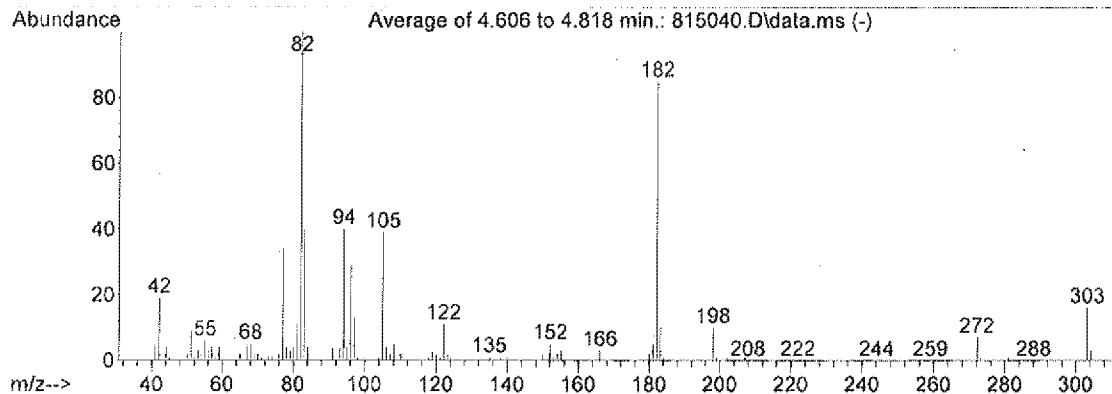4.665   1026567   85.28   100.00

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815040.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   2:26
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 40
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                     C:\Database\NIST05a.L   Minimum Quality: 85
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual

---

1   3.84   C:\Database\NIST05a.L
             Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4   98
             Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6   98
             Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6   98

Abundance   Average of 3.807 to 4.029 min.: 815040.D\data.ms (-)

Abundance   #59447: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-

815040.D   Fri May 18 13:04:54 2012   Page   2

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815040.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:26
Sample Name   : ███████
Submitted by   : DJR
Vial Number   : 40
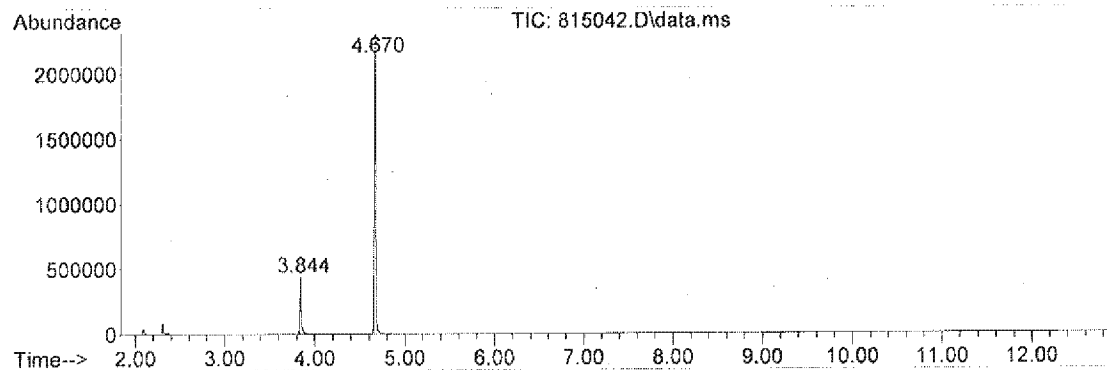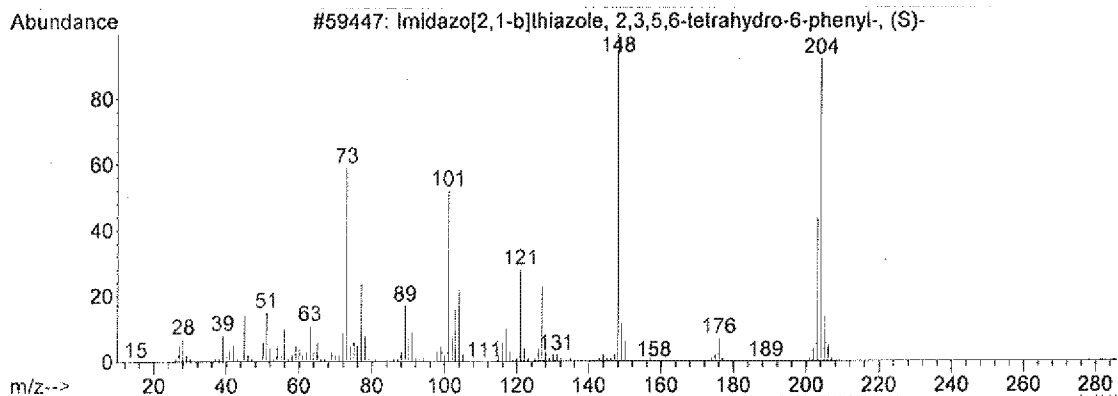AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                     C:\Database\NIST05a.L   Minimum Quality: 85
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.66	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Average of 4.606 to 4.818 min.: 815040.D\data.ms (-)

#59: COCAINE

Corbett_email_PRR_024668

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815041.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:41
Sample Name : BLANK
Submitted by : DJR
Vial Number :   1
AcquisitionMeth: DRUGS.M
Integrator   : RTE
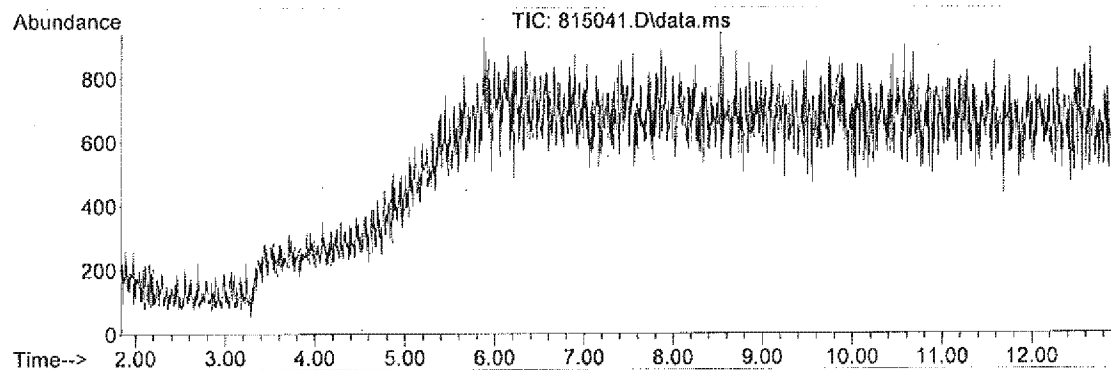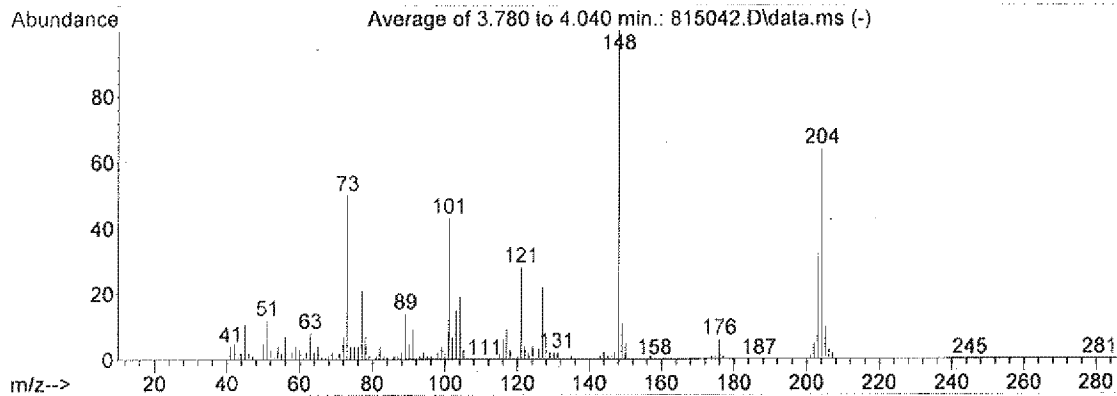

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

815041.D   Fri May 18 13:05:05 2012   Page   1

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815042.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:57
Sample Name   : ███████
Submitted by   : DJR
Vial Number   : 42
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Ret. Time	Area	Area %	Ratio %
3.844	488508	16.05	19.12
4.670	2554873	83.95	100.00

815042.D   Fri May 18 13:05:10 2012   Page 1

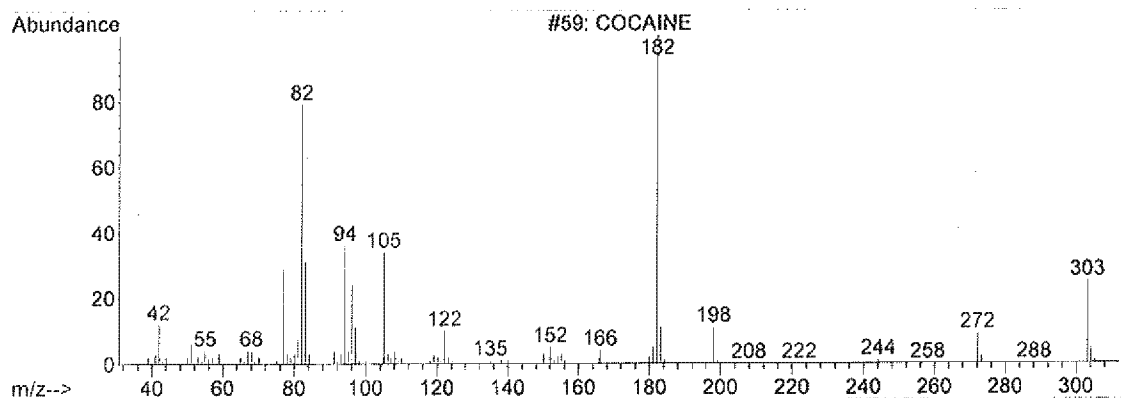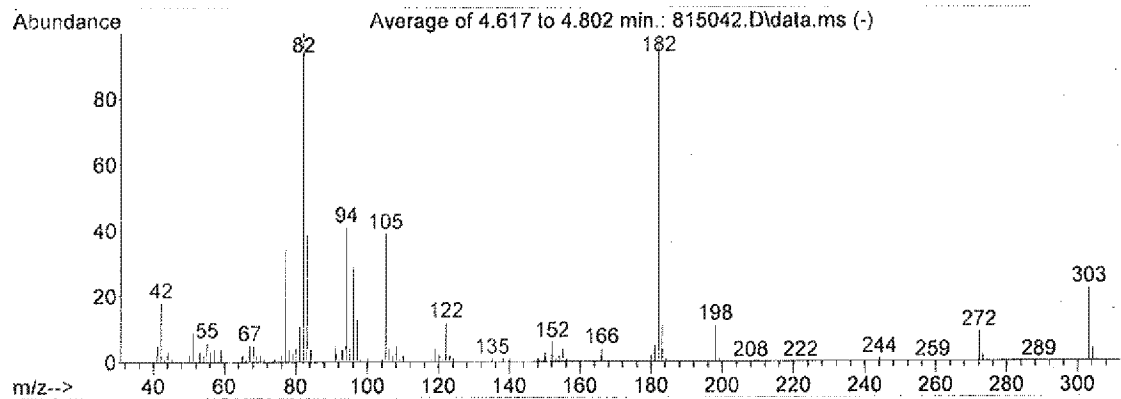
Information from Data File:
```
File Name       : C:\msdchem\1\System7\01_26_12\815042.D
Operator        : KAC
Date Acquired   : 27 Jan 2012    2:57
Sample Name     : ██████████
Submitted by    : DJR
Vial Number     : 42
AcquisitionMeth : DRUGS.M
Integrator      : RTE
```

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 85
	C:\Database\NIST05a.L	Minimum Quality: 85
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
1	3.84	C:\Database\NIST05a.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98

Abundance — Average of 3.780 to 4.040 min.: 815042.D\data.ms (-)

Abundance — #59447: Imidazo[2,1-b]thiazole, 2,3,5,6-tetrahydro-6-phenyl-, (S)-

---

```
815042.D          Fri May 18 13:05:11 2012          Page   2
```

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815042.D
Operator   : KAC
Date Acquired : 27 Jan 2012   2:57
Sample Name   : █████████
Submitted by : DJR
Vial Number   : 42
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                     C:\Database\NIST05a.L   Minimum Quality: 85
                     C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.67	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Abundance   Average of 4.617 to 4.802 min.: 815042.D\data.ms (-)

Abundance   #59: COCAINE

Corbett_email_PRR_024672

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815044.D
Operator   : KAC
Date Acquired : 27 Jan 2012   3:28
Sample Name   : BLANK
Submitted by   :
Vial Number   :   1
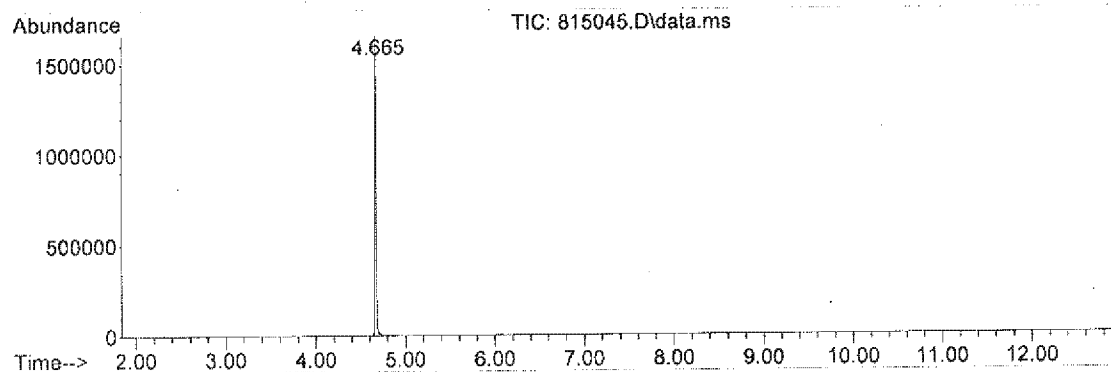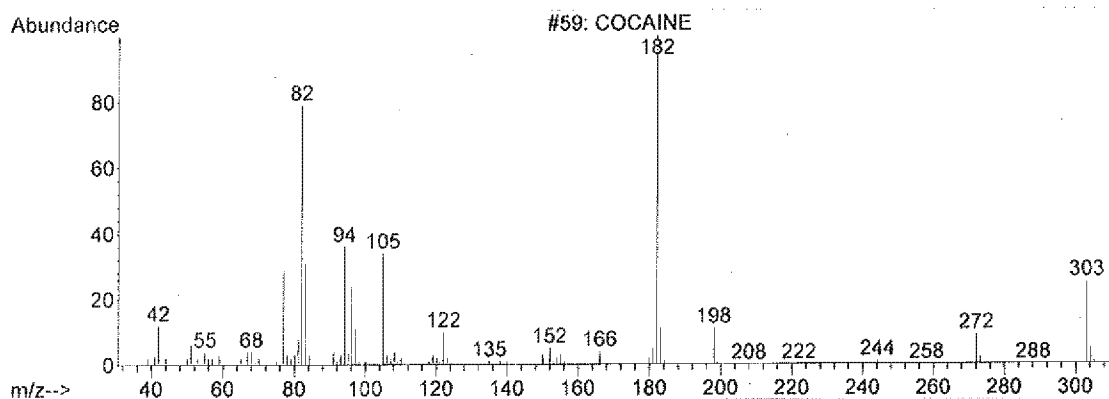AcquisitionMeth: DRUGS.M
Integrator   : RTE
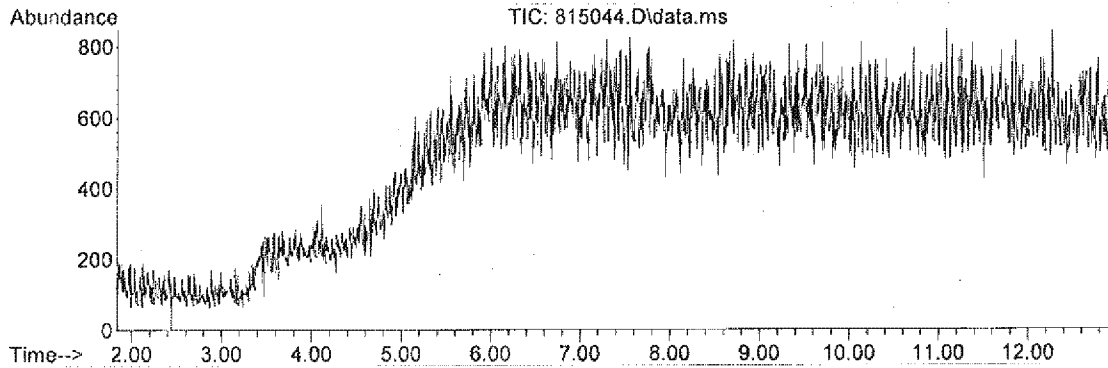
Abundance   TIC: 815044.D\data.ms

Ret. Time	Area	Area %	Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815045.D
Operator   : KAC
Date Acquired : 27 Jan 2012   3:43
Sample Name   : COCAINE STD
Submitted by   :
Vial Number   : 45
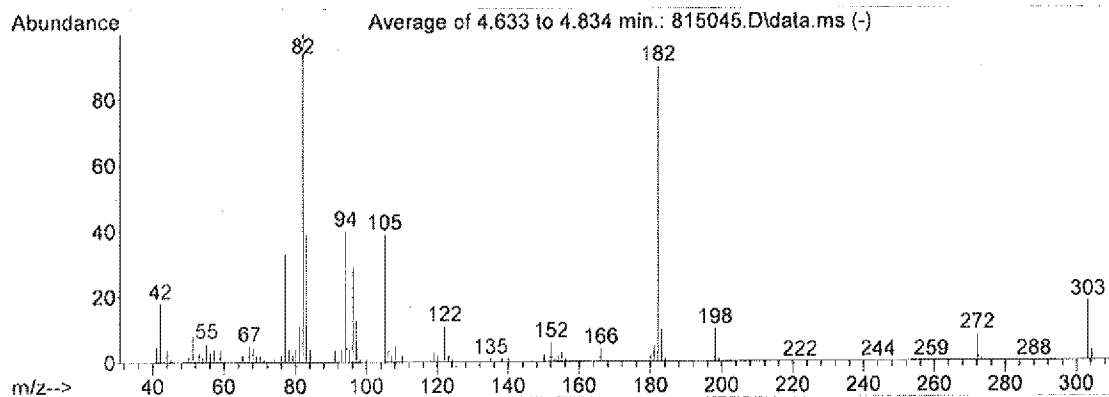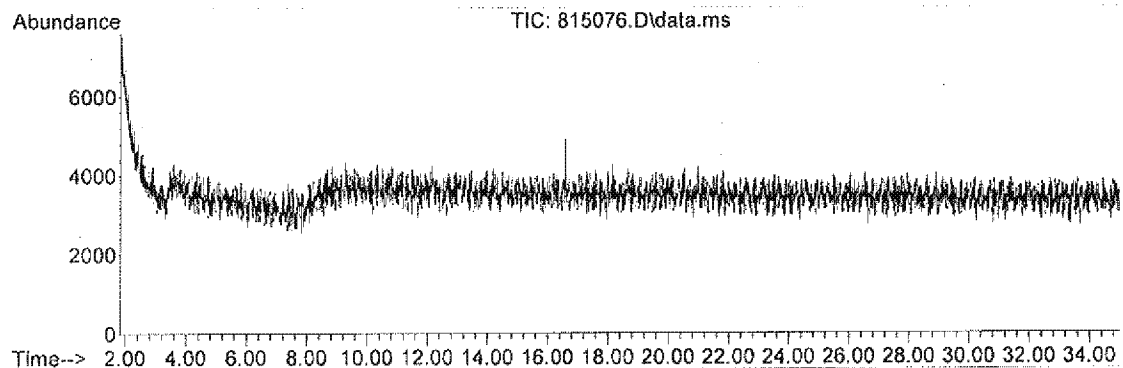AcquisitionMeth: DRUGS.M
Integrator   : RTE

Abundance   TIC: 815045.D\data.ms

```
                           4.665
1500000

1000000

 500000

       0
Time-->  2.00   3.00   4.00   5.00   6.00   7.00   8.00   9.00   10.00  11.00  12.00
```

Ret. Time	Area	Area %	Ratio %
4.665	1575158	100.00	100.00

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815045.D
Operator   : KAC
Date Acquired : 27 Jan 2012   3:43
Sample Name   : COCAINE STD
Submitted by   :
Vial Number   : 45
AcquisitionMeth: DRUGS.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.66	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Abundance   Average of 4.633 to 4.834 min.: 815045.D\data.ms (-)

Abundance   #59: COCAINE

815045.D   Fri May 18 13:05:32 2012   Page   2

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815076.D
Operator   : KAC
Date Acquired : 27 Jan 2012 19:14
Sample Name   : BLANK
Submitted by   :
Vial Number   :   2
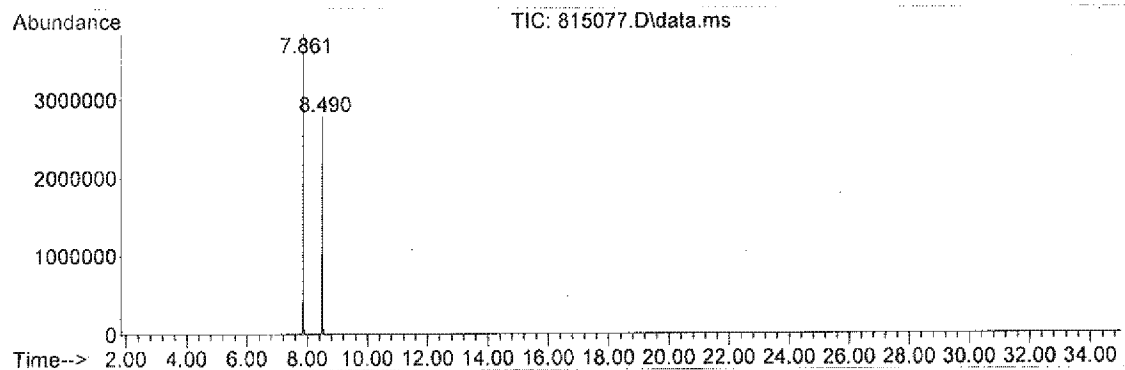AcquisitionMeth: SCREEN.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

815076.D   Fri May 18 13:06:02 2012   Page 1

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815077.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   19:53
Sample Name   : QC MIX
Submitted by   :
Vial Number   :   3
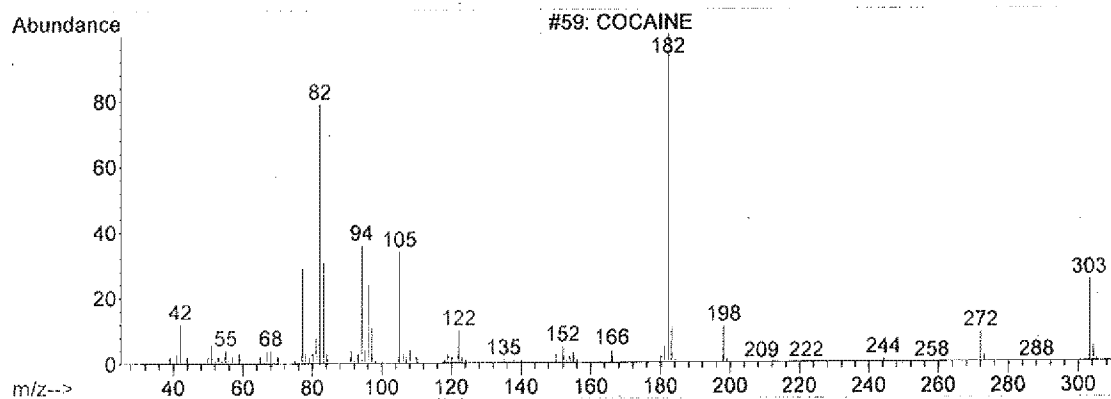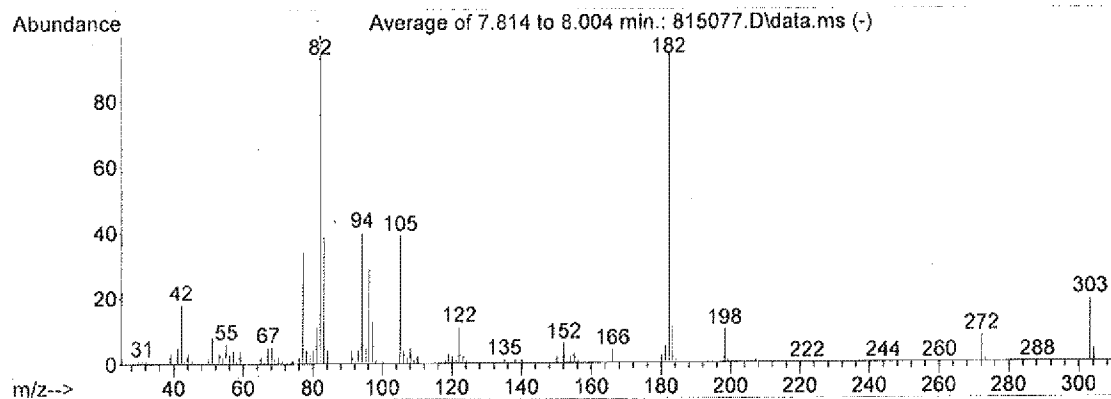AcquisitionMeth: SCREEN.M
Integrator   : RTE

Abundance   TIC: 815077.D\data.ms

        7.861

3000000 8.490

2000000

1000000

      0
Time--> 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00 34.00

Ret. Time	Area	Area %	Ratio %
7.861	3558536	55.40	100.00
8.490	2865178	44.60	80.52

815077.D   Fri May 18 13:06:06 2012   Page 1
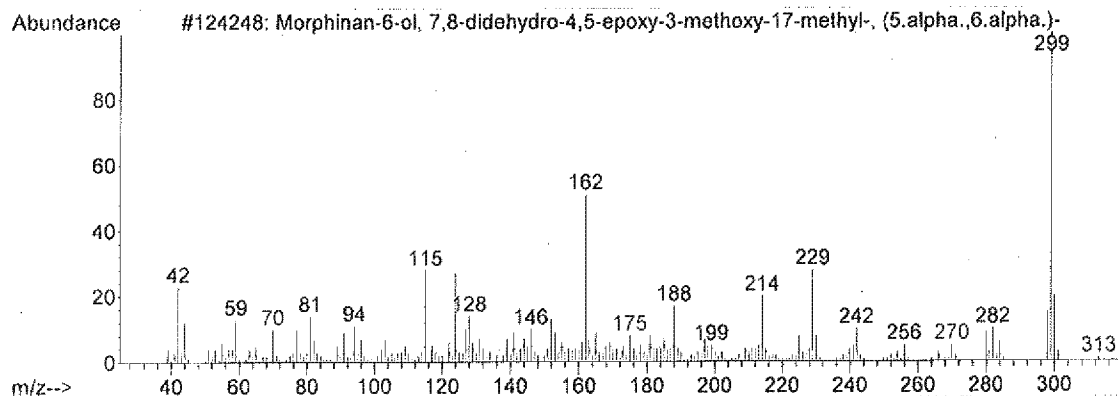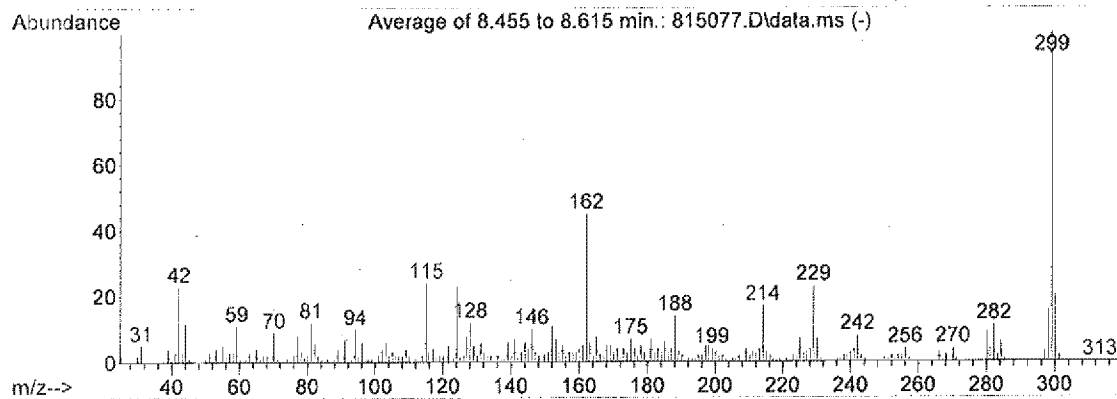

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815077.D
Operator   : KAC
Date Acquired : 27 Jan 2012   19:53
Sample Name   : QC MIX
Submitted by   :
Vial Number   :   3
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries:	C:\Database\SLI.L	Minimum Quality: 85
	C:\Database\NIST05a.L	Minimum Quality: 85
	C:\Database\PMW_TOX2.L	

PK#	RT	Library/ID	CAS#	Qual
1	7.86	C:\Database\SLI.L		
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99
		COCAINE	000050-36-2	99

Average of 7.814 to 8.004 min.: 815077.D\data.ms (-)

#59: COCAINE

815077.D   Fri May 18 13:06:07 2012   Page   2

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815077.D
Operator   : KAC
Date Acquired : 27 Jan 2012   19:53
Sample Name : QC MIX
Submitted by :
Vial Number :   3
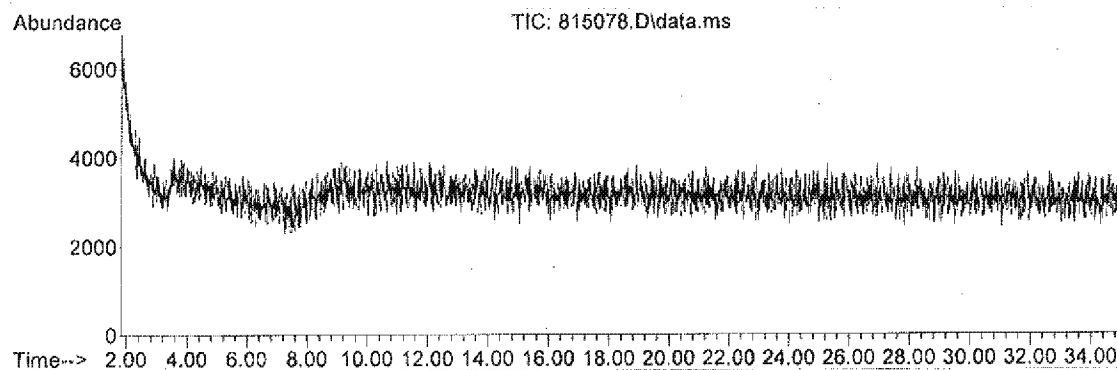AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual

2	8.49	C:\Database\NIST05a.L		
		Morphinan-6-ol, 7,8-didehydro-4,5-e	000076-57-3	99
		Morphinan-6-ol, 7,8-didehydro-4,5-e	000076-57-3	99
		Morphinan-6-ol, 7,8-didehydro-4,5-e	000076-57-3	99

Abundance   Average of 8.455 to 8.615 min.: 815077.D\data.ms (-)

Abundance   #124248: Morphinan-6-ol, 7,8-didehydro-4,5-epoxy-3-methoxy-17-methyl-, (5.alpha.,6.alpha.)-

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815078.D
Operator   : KAC
Date Acquired : 27 Jan 2012   20:33
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   2
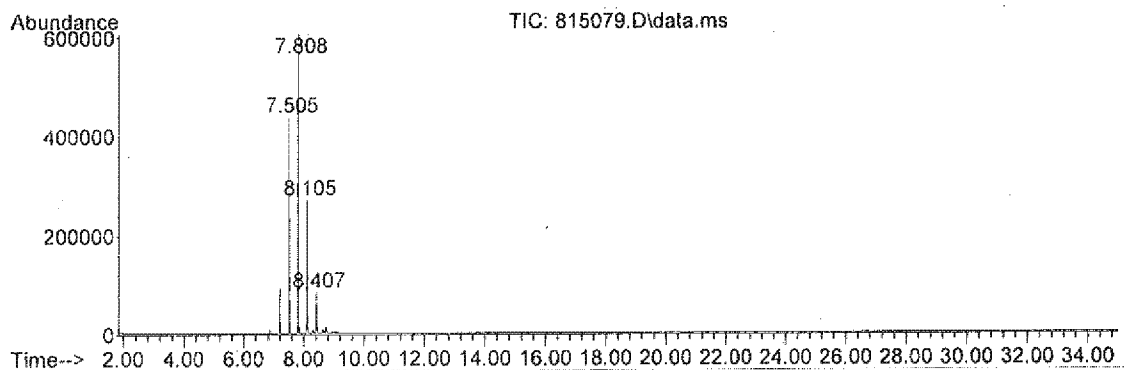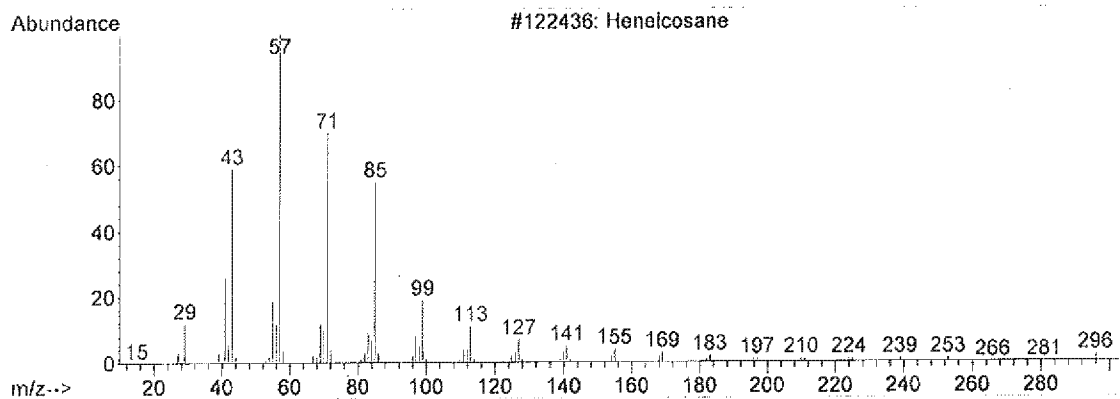AcquisitionMeth: SCREEN.M
Integrator   : RTE

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012   21:12
Sample Name   : ████████
Submitted by   : DJR
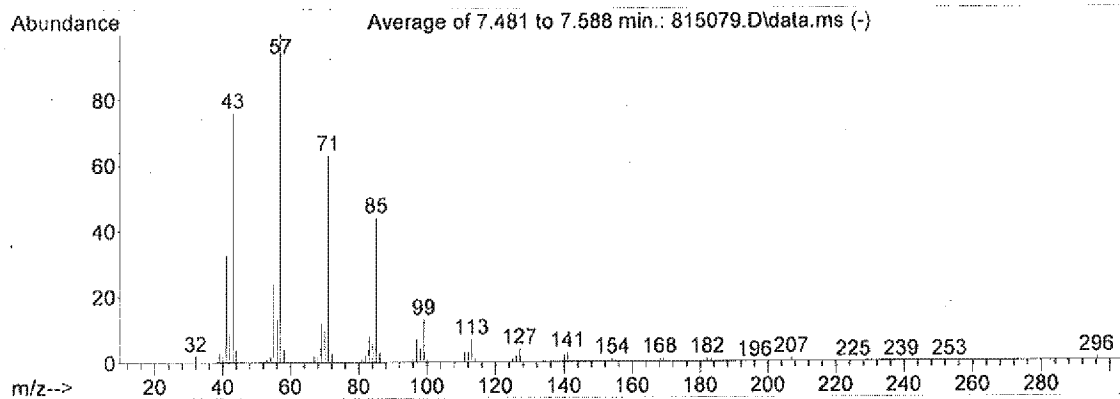Vial Number   :   79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

TIC: 815079.D\data.ms

Ret. Time	Area	Area %	Ratio %
7.505	378180	30.07	79.06
7.808	478369	38.03	100.00
8.105	281708	22.40	58.89
8.407	119474	9.50	24.98

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name   : ████████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	7.51	C:\Database\NIST05a.L		
		Heneicosane	000629-94-7	97
		Tridecane, 7-hexyl-	007225-66-3	91
		Tetradecane	000629-59-4	91

Abundance   Average of 7.481 to 7.588 min.: 815079.D\data.ms (-)

m/z-->

Abundance   #122436: Heneicosane

m/z-->

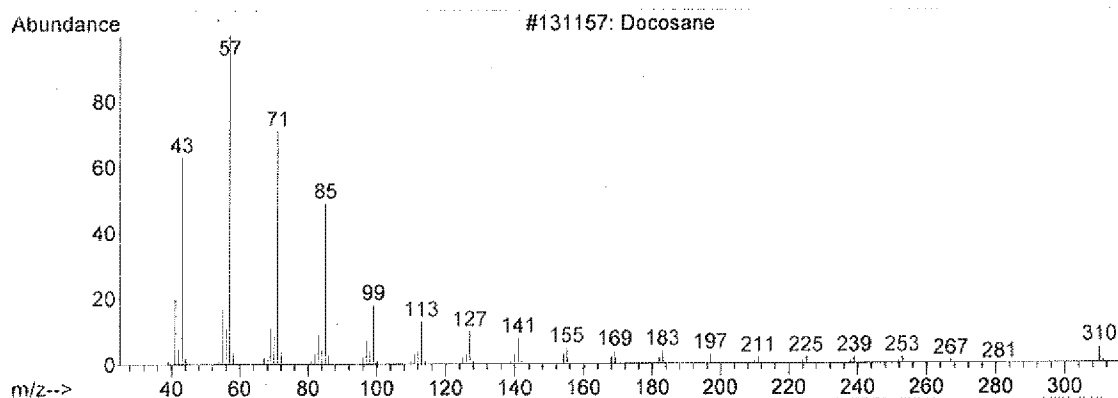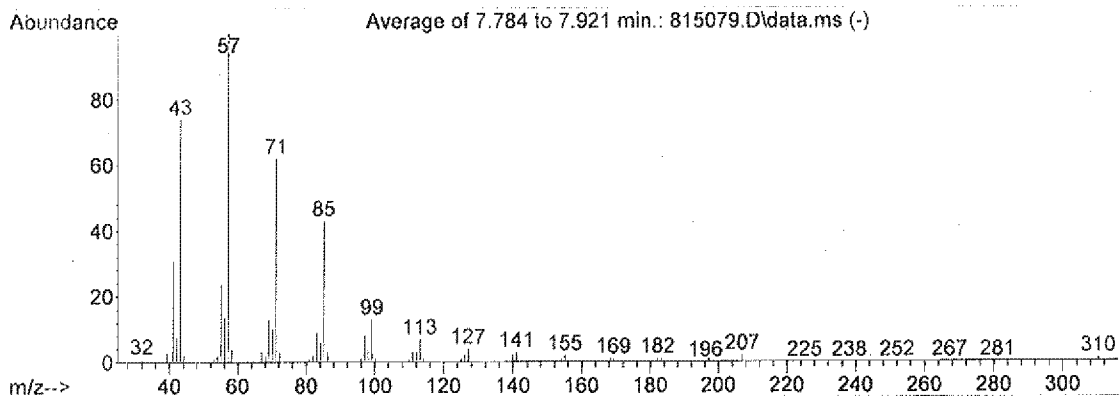815079.D   Fri May 18 13:06:20 2012   Page 2

Information from Data File:
```
File Name       : C:\msdchem\1\System7\01_26_12\815079.D
Operator        : KAC
Date Acquired   : 27 Jan 2012  21:12
Sample Name     : ███████████
Submitted by    : DJR
Vial Number     : 79
AcquisitionMeth : SCREEN.M
Integrator      : RTE
```

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	7.81	C:\Database\NIST05a.L		
		Docosane	000629-97-0	94
		Heptacosane	000593-49-7	91
		Tridecane, 7-hexyl-	007225-66-3	91

Abundance   Average of 7.784 to 7.921 min.: 815079.D\data.ms (-)

Abundance   #131157: Docosane

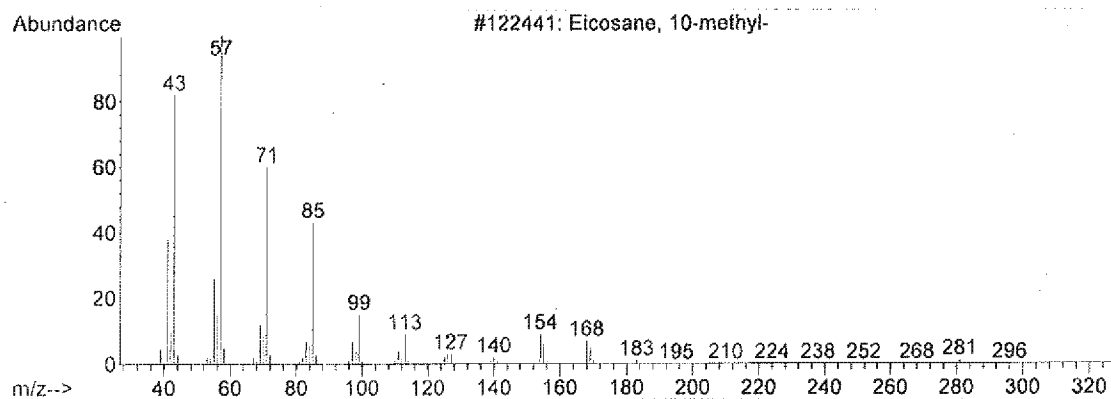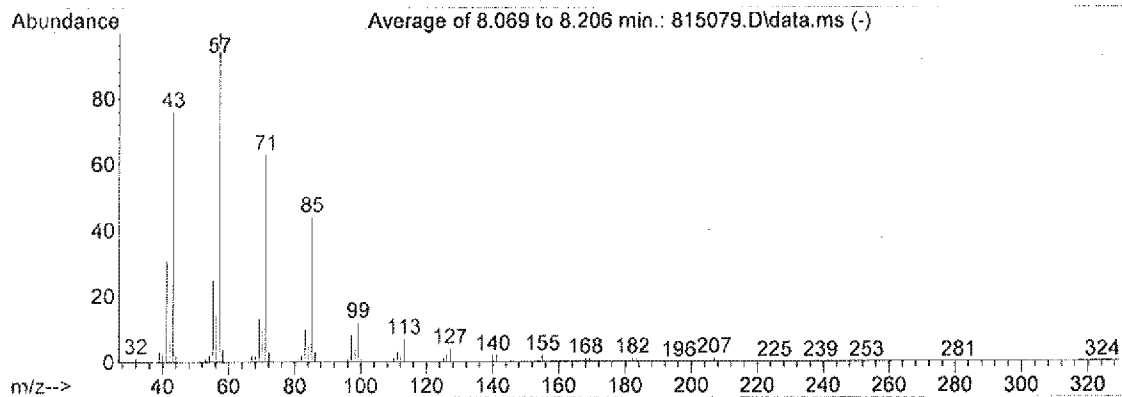815079.D   Fri May 18 13:06:21 2012   Page   3

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired : 27 Jan 2012 21:12
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	8.10	C:\Database\NIST05a.L		
		Eicosane, 10-methyl-	054833-23-7	91
		Dodecane, 2-methyl-6-propyl-	055045-08-4	90
		Heneicosane	000629-94-7	90

Abundance   Average of 8.069 to 8.206 min.: 815079.D\data.ms (-)

Abundance   #122441: Eicosane, 10-methyl-

Area Percent / Library Search Report
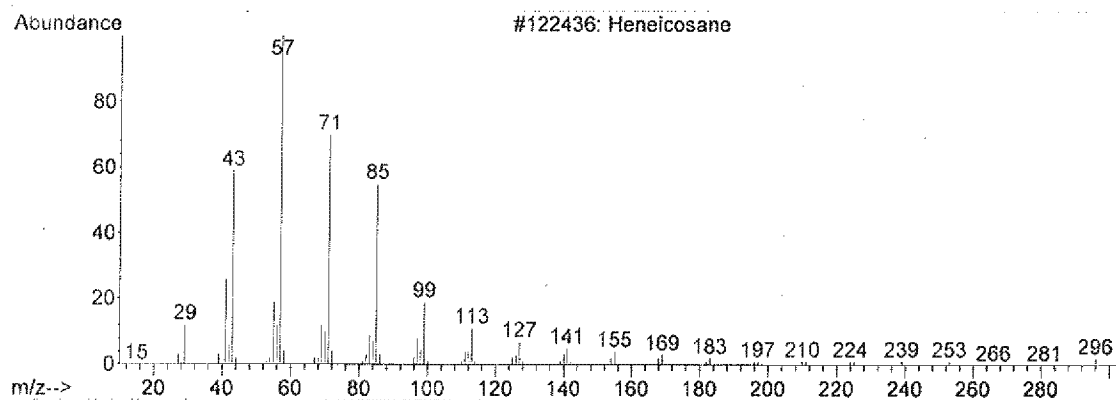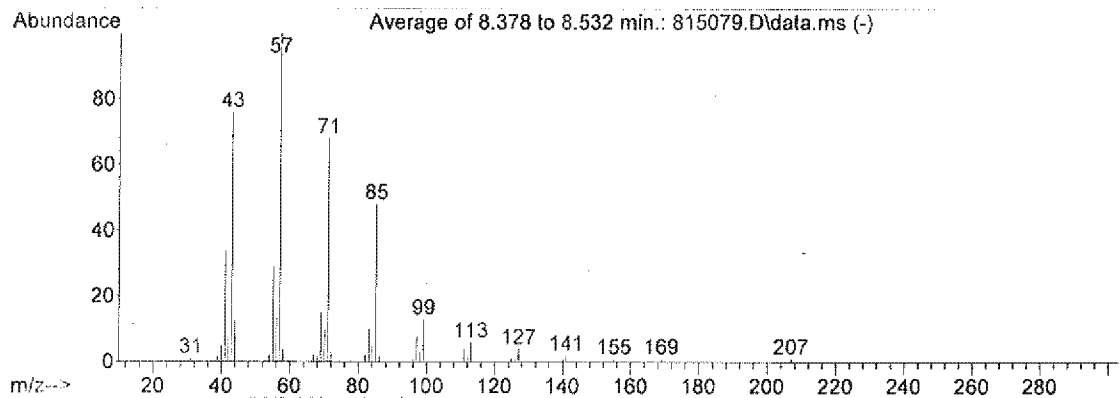
Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815079.D
Operator   : KAC
Date Acquired   : 27 Jan 2012 21:12
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 79
AcquisitionMeth : SCREEN.M
Integrator   : RTE
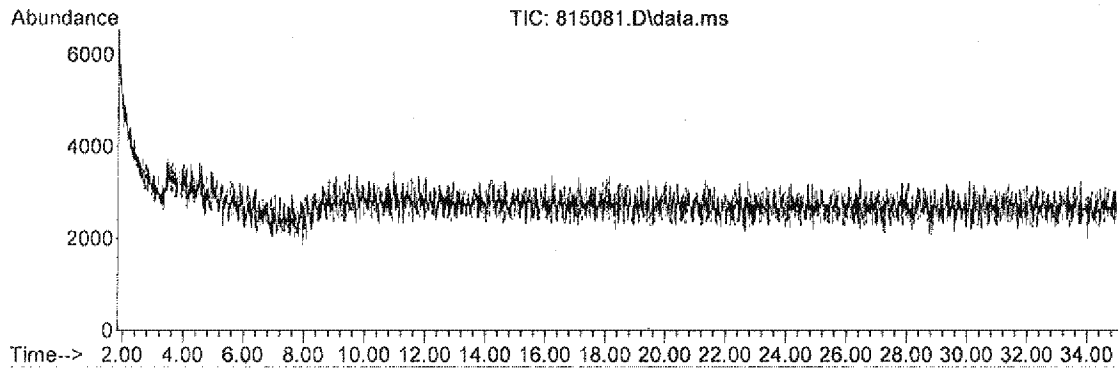
Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	8.41	C:\Database\NIST05a.L		
		Heneicosane	000629-94-7	90
		Octacosane	000630-02-4	86
		Eicosane, 10-methyl-	054833-23-7	80

Average of 8.378 to 8.532 min.: 815079.D\data.ms (-)

#122436: Heneicosane

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815081.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   22:31
Sample Name   : BLANK
Submitted by   : DJR
Vial Number   :   2
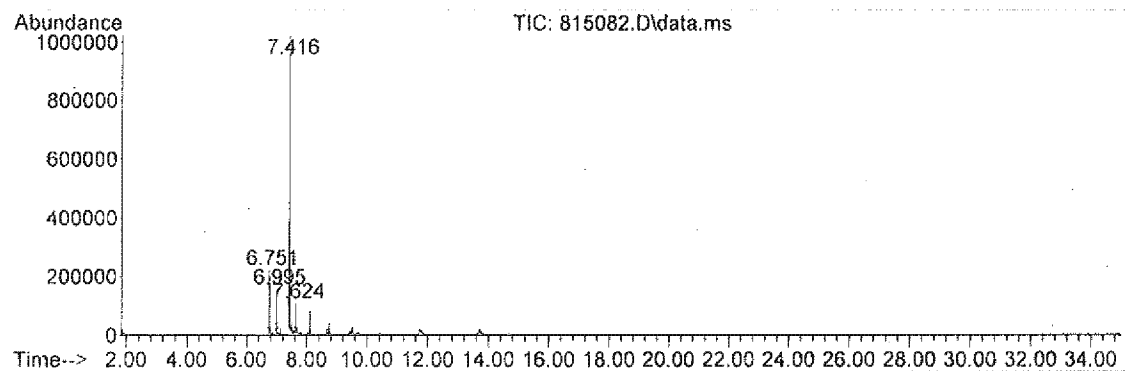AcquisitionMeth: SCREEN.M
Integrator   : RTE

TIC: 815081.D\data.ms

Ret. Time   Area   Area %   Ratio %

NO INTEGRATED PEAKS

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired : 27 Jan 2012   23:10
Sample Name   : ██████████
Submitted by : DJR
Vial Number   : 82
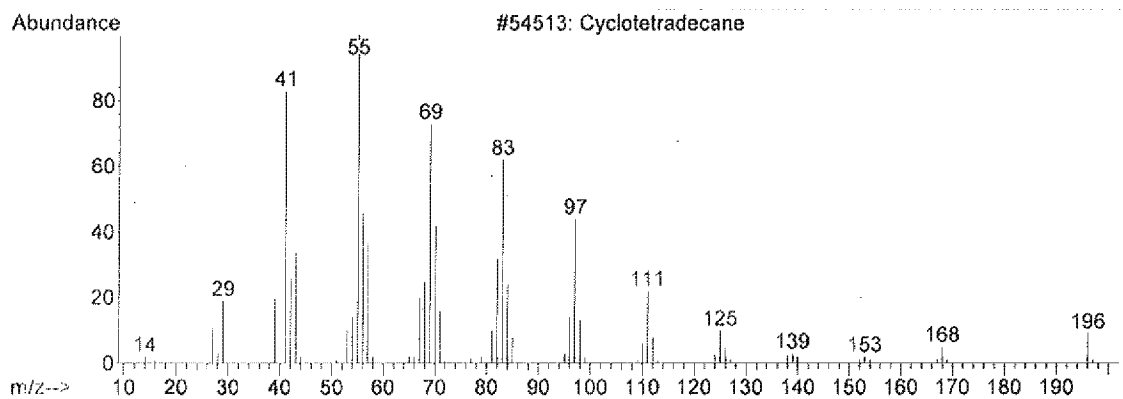AcquisitionMeth: SCREEN.M
Integrator   : RTE

Abundance   TIC: 815082.D\data.ms
1000000   7.416
 800000
 600000
 400000
            6.751
 200000   6.995
              7.624
      0
Time--> 2.00 4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00 30.00 32.00 34.00

Ret. Time	Area	Area %	Ratio %
6.751	206433	15.18	23.03
6.995	156705	11.52	17.48
7.416	896259	65.90	100.00
7.624	100696	7.40	11.24

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired   : 27 Jan 2012 23:10
Sample Name   : ██████████
Submitted by   : DJR
Vial Number   : 82
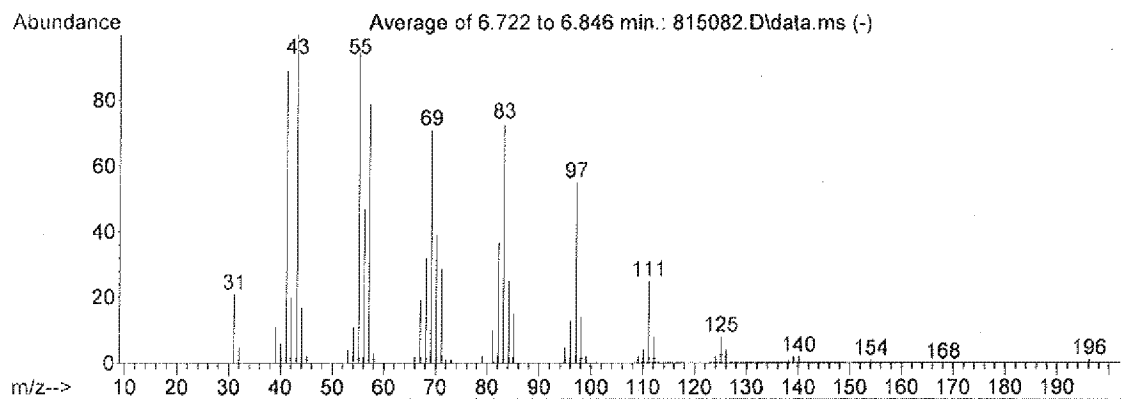AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.75	C:\Database\NIST05a.L		
		Cyclotetradecane	000295-17-0	97
		1-Heptadecanol	001454-85-9	94
		1-Hexadecanol	036653-82-4	94

Average of 6.722 to 6.846 min.: 815082.D\data.ms (-)

#54513: Cyclotetradecane
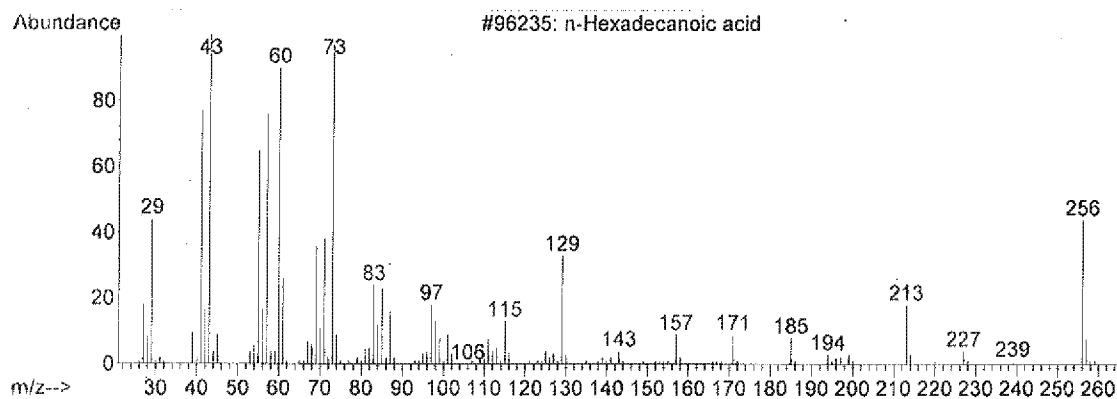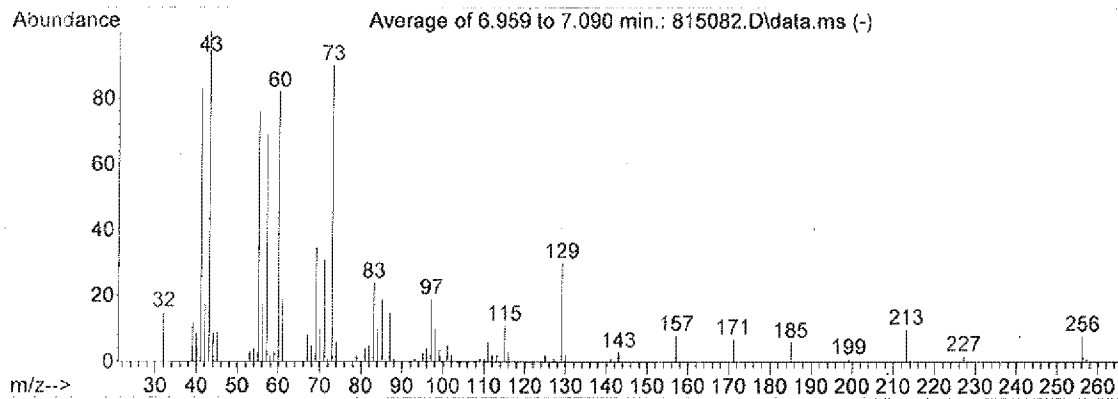
Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name   :
Submitted by   : DJR
Vial Number   : 82
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                    C:\Database\NIST05a.L   Minimum Quality: 85
                    C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	6.99	C:\Database\NIST05a.L		
		n-Hexadecanoic acid	000057-10-3	96
		n-Hexadecanoic acid	000057-10-3	93
		Tetradecanoic acid	000544-63-8	90

Abundance   Average of 6.959 to 7.090 min.: 815082.D\data.ms (-)

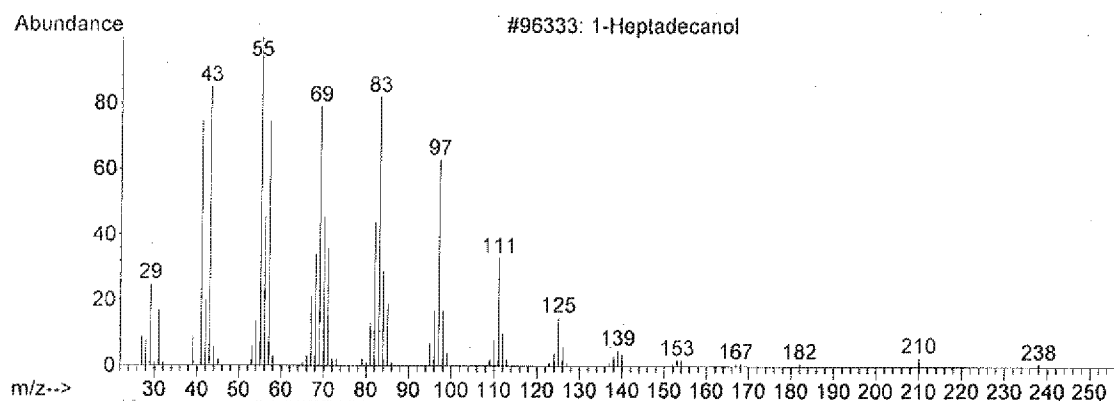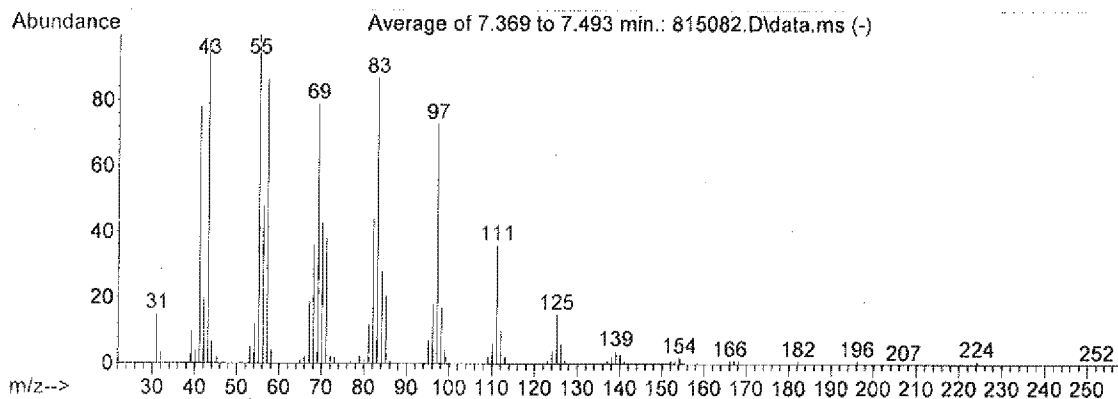

Abundance   #96235: n-Hexadecanoic acid

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired : 27 Jan 2012 23:10
Sample Name   : ███████████
Submitted by   : DJR
Vial Number   : 82
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	7.42	C:\Database\NIST05a.L		
		1-Heptadecanol	001454-85-9	95
		Bromoacetic acid, pentadecyl ester	131143-01-6	95
		1-Hexadecanol	036653-82-4	94

Abundance   Average of 7.369 to 7.493 min.: 815082.D\data.ms (-)

Abundance   #96333: 1-Heptadecanol

Information from Data File:
File Name   : C:\msdchem\1\System7\01_26_12\815082.D
Operator   : KAC
Date Acquired   : 27 Jan 2012   23:10
Sample Name   : █████████████
Submitted by   : DJR
Vial Number   : 82
AcquisitionMeth: SCREEN.M
Integrator   : RTE

Search Libraries: C:\Database\SLI.L   Minimum Quality: 85
                   C:\Database\NIST05a.L   Minimum Quality: 85
                   C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	7.62	C:\Database\NIST05a.L		
		Octadecanoic acid	000057-11-4	99
		Octadecanoic acid	000057-11-4	98
		Octadecanoic acid	000057-11-4	94

Average of 7.606 to 7.653 min.: 815082.D\data.ms (-)

#114822: Octadecanoic acid